

# Global Neodymium(III) Fluoride (NdF<sub>3</sub>) Market Growth 2022-2028

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## Abstracts

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NdF<sub>3</sub> is used in the manufacture of scintillators for detectors, rare earth crystal laser materials and rare earth fluoride glass fibers. In the metallurgical industry, it is used as an additive for aviation magnesium alloys and electrolytic production of metal neodymium. NdF<sub>3</sub> is used to make carbon electrodes for arc lighting in light sources. It is also the raw material of neodymium iron boron alloy (NdFeB).

The global market for Neodymium(III) Fluoride (NdF<sub>3</sub>) is estimated to increase from US\$ million in 2021 to reach US\$ million by 2028, exhibiting a CAGR of % during 2022-2028. Keeping in mind the uncertainties of COVID-19 and Russia-Ukraine War, we are continuously tracking and evaluating the direct as well as the indirect influence of the pandemic on different end use sectors. These insights are included in the report as a major market contributor.

The APAC Neodymium(III) Fluoride (NdF<sub>3</sub>) market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The United States Neodymium(III) Fluoride (NdF<sub>3</sub>) market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The Europe Neodymium(III) Fluoride (NdF<sub>3</sub>) market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The China Neodymium(III) Fluoride (NdF<sub>3</sub>) market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

Global key Neodymium(III) Fluoride (NdF3) players cover Pelchem, Merck KGaA, EPI Materials, Zegen Metals&Chemicals and Liche Opto, etc. In terms of revenue, the global largest two companies occupy a share nearly % in 2021.

## Report Coverage

This latest report provides a deep insight into the global Neodymium(III) Fluoride (NdF3) market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, value chain analysis, etc.

This report aims to provide a comprehensive picture of the global Neodymium(III) Fluoride (NdF3) market, with both quantitative and qualitative data, to help readers understand how the Neodymium(III) Fluoride (NdF3) market scenario changed across the globe during the pandemic and Russia-Ukraine War.

The base year considered for analyses is 2021, while the market estimates and forecasts are given from 2022 to 2028. The market estimates are provided in terms of revenue in USD millions and volume in Tons.

## Market Segmentation:

The study segments the Neodymium(III) Fluoride (NdF3) market and forecasts the market size by Type (4N5, 4N and 3N5), by Application (Used as Neodymium Intermediate, Phosphor for Lighting, Additive for Magnesium Alloys and Materials for Detector Scintillation), and region (APAC, Americas, Europe, and Middle East & Africa).

## Segmentation by type

4N5

4N

3N5

3N

2N5

2N

### Segmentation by application

Used as Neodymium Intermediate

Phosphor for Lighting

Additive for Magnesium Alloys

Materials for Detector Scintillation

For Making Fluoride Glasses

Electrolysis and High Temperature Materials

Other

### Segmentation by region

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

Major companies covered

Pelchem

Merck KGaA

EPI Materials

Zegen Metals&Chemicals

Liche Opto

JIATON Technology

Materion

Ganzhou Sequoia Rare Earth

## Chapter Introduction

Chapter 1: Scope of Neodymium(III) Fluoride (NdF<sub>3</sub>), Research Methodology, etc.

Chapter 2: Executive Summary, global Neodymium(III) Fluoride (NdF<sub>3</sub>) market size (sales and revenue) and CAGR, Neodymium(III) Fluoride (NdF<sub>3</sub>) market size by region, by type, by application, historical data from 2017 to 2022, and forecast to 2028.

Chapter 3: Neodymium(III) Fluoride (NdF<sub>3</sub>) sales, revenue, average price, global market share, and industry ranking by company, 2017-2022

Chapter 4: Global Neodymium(III) Fluoride (NdF<sub>3</sub>) sales and revenue by region and by country. Country specific data and market value analysis for the U.S., Canada, Europe, China, Japan, South Korea, Southeast Asia, India, Latin America and Middle East & Africa.

Chapter 5, 6, 7, 8: Americas, APAC, Europe, Middle East & Africa, sales segment by country, by type, and type.

Chapter 9: Analysis of the current market trends, market forecast, opportunities and economic trends that are affecting the future marketplace

Chapter 10: Manufacturing cost structure analysis

Chapter 11: Sales channel, distributors, and customers

Chapter 12: Global Neodymium(III) Fluoride (NdF<sub>3</sub>) market size forecast by region, by country, by type, and application.

Chapter 13: Comprehensive company profiles of the leading players, including Pelchem, Merck KGaA, EPI Materials, Zegen Metals&Chemicals, Liche Opto, JIATON Technology, Materion and Ganzhou Sequoia Rare Earth, etc.

Chapter 14: Research Findings and Conclusion

## Contents

### 1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered

### 2 EXECUTIVE SUMMARY

#### 2.1 World Market Overview

- 2.1.1 Global Neodymium(III) Fluoride (NdF3) Annual Sales 2017-2028
- 2.1.2 World Current & Future Analysis for Neodymium(III) Fluoride (NdF3) by Geographic Region, 2017, 2022 & 2028
- 2.1.3 World Current & Future Analysis for Neodymium(III) Fluoride (NdF3) by Country/Region, 2017, 2022 & 2028

#### 2.2 Neodymium(III) Fluoride (NdF3) Segment by Type

- 2.2.1 4N5
- 2.2.2 4N
- 2.2.3 3N5
- 2.2.4 3N
- 2.2.5 2N5
- 2.2.6 2N

#### 2.3 Neodymium(III) Fluoride (NdF3) Sales by Type

- 2.3.1 Global Neodymium(III) Fluoride (NdF3) Sales Market Share by Type (2017-2022)
- 2.3.2 Global Neodymium(III) Fluoride (NdF3) Revenue and Market Share by Type (2017-2022)
- 2.3.3 Global Neodymium(III) Fluoride (NdF3) Sale Price by Type (2017-2022)

#### 2.4 Neodymium(III) Fluoride (NdF3) Segment by Application

- 2.4.1 Used as Neodymium Intermediate
- 2.4.2 Phosphor for Lighting
- 2.4.3 Additive for Magnesium Alloys
- 2.4.4 Materials for Detector Scintillation
- 2.4.5 For Making Fluoride Glasses
- 2.4.6 Electrolysis and High Temperature Materials

#### 2.4.7 Other

### 2.5 Neodymium(III) Fluoride (NdF3) Sales by Application

#### 2.5.1 Global Neodymium(III) Fluoride (NdF3) Sale Market Share by Application (2017-2022)

#### 2.5.2 Global Neodymium(III) Fluoride (NdF3) Revenue and Market Share by Application (2017-2022)

#### 2.5.3 Global Neodymium(III) Fluoride (NdF3) Sale Price by Application (2017-2022)

## 3 GLOBAL NEODYMIUM(III) FLUORIDE (NDF3) BY COMPANY

### 3.1 Global Neodymium(III) Fluoride (NdF3) Breakdown Data by Company

#### 3.1.1 Global Neodymium(III) Fluoride (NdF3) Annual Sales by Company (2020-2022)

#### 3.1.2 Global Neodymium(III) Fluoride (NdF3) Sales Market Share by Company (2020-2022)

### 3.2 Global Neodymium(III) Fluoride (NdF3) Annual Revenue by Company (2020-2022)

#### 3.2.1 Global Neodymium(III) Fluoride (NdF3) Revenue by Company (2020-2022)

#### 3.2.2 Global Neodymium(III) Fluoride (NdF3) Revenue Market Share by Company (2020-2022)

### 3.3 Global Neodymium(III) Fluoride (NdF3) Sale Price by Company

### 3.4 Key Manufacturers Neodymium(III) Fluoride (NdF3) Producing Area Distribution, Sales Area, Product Type

#### 3.4.1 Key Manufacturers Neodymium(III) Fluoride (NdF3) Product Location Distribution

#### 3.4.2 Players Neodymium(III) Fluoride (NdF3) Products Offered

### 3.5 Market Concentration Rate Analysis

#### 3.5.1 Competition Landscape Analysis

#### 3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2020-2022)

### 3.6 New Products and Potential Entrants

### 3.7 Mergers & Acquisitions, Expansion

## 4 WORLD HISTORIC REVIEW FOR NEODYMIUM(III) FLUORIDE (NDF3) BY GEOGRAPHIC REGION

### 4.1 World Historic Neodymium(III) Fluoride (NdF3) Market Size by Geographic Region (2017-2022)

#### 4.1.1 Global Neodymium(III) Fluoride (NdF3) Annual Sales by Geographic Region (2017-2022)

#### 4.1.2 Global Neodymium(III) Fluoride (NdF3) Annual Revenue by Geographic Region

### 4.2 World Historic Neodymium(III) Fluoride (NdF3) Market Size by Country/Region (2017-2022)



4.2.1 Global Neodymium(III) Fluoride (NdF3) Annual Sales by Country/Region (2017-2022)

4.2.2 Global Neodymium(III) Fluoride (NdF3) Annual Revenue by Country/Region

4.3 Americas Neodymium(III) Fluoride (NdF3) Sales Growth

4.4 APAC Neodymium(III) Fluoride (NdF3) Sales Growth

4.5 Europe Neodymium(III) Fluoride (NdF3) Sales Growth

4.6 Middle East & Africa Neodymium(III) Fluoride (NdF3) Sales Growth

## **5 AMERICAS**

5.1 Americas Neodymium(III) Fluoride (NdF3) Sales by Country

5.1.1 Americas Neodymium(III) Fluoride (NdF3) Sales by Country (2017-2022)

5.1.2 Americas Neodymium(III) Fluoride (NdF3) Revenue by Country (2017-2022)

5.2 Americas Neodymium(III) Fluoride (NdF3) Sales by Type

5.3 Americas Neodymium(III) Fluoride (NdF3) Sales by Application

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

## **6 APAC**

6.1 APAC Neodymium(III) Fluoride (NdF3) Sales by Region

6.1.1 APAC Neodymium(III) Fluoride (NdF3) Sales by Region (2017-2022)

6.1.2 APAC Neodymium(III) Fluoride (NdF3) Revenue by Region (2017-2022)

6.2 APAC Neodymium(III) Fluoride (NdF3) Sales by Type

6.3 APAC Neodymium(III) Fluoride (NdF3) Sales by Application

6.4 China

6.5 Japan

6.6 South Korea

6.7 Southeast Asia

6.8 India

6.9 Australia

6.10 China Taiwan

## **7 EUROPE**

7.1 Europe Neodymium(III) Fluoride (NdF3) by Country

7.1.1 Europe Neodymium(III) Fluoride (NdF3) Sales by Country (2017-2022)

- 7.1.2 Europe Neodymium(III) Fluoride (NdF3) Revenue by Country (2017-2022)
- 7.2 Europe Neodymium(III) Fluoride (NdF3) Sales by Type
- 7.3 Europe Neodymium(III) Fluoride (NdF3) Sales by Application
- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

## **8 MIDDLE EAST & AFRICA**

- 8.1 Middle East & Africa Neodymium(III) Fluoride (NdF3) by Country
  - 8.1.1 Middle East & Africa Neodymium(III) Fluoride (NdF3) Sales by Country (2017-2022)
  - 8.1.2 Middle East & Africa Neodymium(III) Fluoride (NdF3) Revenue by Country (2017-2022)
- 8.2 Middle East & Africa Neodymium(III) Fluoride (NdF3) Sales by Type
- 8.3 Middle East & Africa Neodymium(III) Fluoride (NdF3) Sales by Application
- 8.4 Egypt
- 8.5 South Africa
- 8.6 Israel
- 8.7 Turkey
- 8.8 GCC Countries

## **9 MARKET DRIVERS, CHALLENGES AND TRENDS**

- 9.1 Market Drivers & Growth Opportunities
- 9.2 Market Challenges & Risks
- 9.3 Industry Trends

## **10 MANUFACTURING COST STRUCTURE ANALYSIS**

- 10.1 Raw Material and Suppliers
- 10.2 Manufacturing Cost Structure Analysis of Neodymium(III) Fluoride (NdF3)
- 10.3 Manufacturing Process Analysis of Neodymium(III) Fluoride (NdF3)
- 10.4 Industry Chain Structure of Neodymium(III) Fluoride (NdF3)

## **11 MARKETING, DISTRIBUTORS AND CUSTOMER**

## 11.1 Sales Channel

### 11.1.1 Direct Channels

### 11.1.2 Indirect Channels

## 11.2 Neodymium(III) Fluoride (NdF3) Distributors

## 11.3 Neodymium(III) Fluoride (NdF3) Customer

# **12 WORLD FORECAST REVIEW FOR NEODYMIUM(III) FLUORIDE (NDF3) BY GEOGRAPHIC REGION**

## 12.1 Global Neodymium(III) Fluoride (NdF3) Market Size Forecast by Region

### 12.1.1 Global Neodymium(III) Fluoride (NdF3) Forecast by Region (2023-2028)

### 12.1.2 Global Neodymium(III) Fluoride (NdF3) Annual Revenue Forecast by Region (2023-2028)

## 12.2 Americas Forecast by Country

## 12.3 APAC Forecast by Region

## 12.4 Europe Forecast by Country

## 12.5 Middle East & Africa Forecast by Country

## 12.6 Global Neodymium(III) Fluoride (NdF3) Forecast by Type

## 12.7 Global Neodymium(III) Fluoride (NdF3) Forecast by Application

# **13 KEY PLAYERS ANALYSIS**

## 13.1 Pelchem

### 13.1.1 Pelchem Company Information

### 13.1.2 Pelchem Neodymium(III) Fluoride (NdF3) Product Offered

### 13.1.3 Pelchem Neodymium(III) Fluoride (NdF3) Sales, Revenue, Price and Gross Margin (2020-2022)

### 13.1.4 Pelchem Main Business Overview

### 13.1.5 Pelchem Latest Developments

## 13.2 Merck KGaA

### 13.2.1 Merck KGaA Company Information

### 13.2.2 Merck KGaA Neodymium(III) Fluoride (NdF3) Product Offered

### 13.2.3 Merck KGaA Neodymium(III) Fluoride (NdF3) Sales, Revenue, Price and Gross Margin (2020-2022)

### 13.2.4 Merck KGaA Main Business Overview

### 13.2.5 Merck KGaA Latest Developments

## 13.3 EPI Materials

### 13.3.1 EPI Materials Company Information

### 13.3.2 EPI Materials Neodymium(III) Fluoride (NdF3) Product Offered

13.3.3 EPI Materials Neodymium(III) Fluoride (NdF3) Sales, Revenue, Price and Gross Margin (2020-2022)

13.3.4 EPI Materials Main Business Overview

13.3.5 EPI Materials Latest Developments

13.4 Zegen Metals&Chemicals

13.4.1 Zegen Metals&Chemicals Company Information

13.4.2 Zegen Metals&Chemicals Neodymium(III) Fluoride (NdF3) Product Offered

13.4.3 Zegen Metals&Chemicals Neodymium(III) Fluoride (NdF3) Sales, Revenue, Price and Gross Margin (2020-2022)

13.4.4 Zegen Metals&Chemicals Main Business Overview

13.4.5 Zegen Metals&Chemicals Latest Developments

13.5 Liche Opto

13.5.1 Liche Opto Company Information

13.5.2 Liche Opto Neodymium(III) Fluoride (NdF3) Product Offered

13.5.3 Liche Opto Neodymium(III) Fluoride (NdF3) Sales, Revenue, Price and Gross Margin (2020-2022)

13.5.4 Liche Opto Main Business Overview

13.5.5 Liche Opto Latest Developments

13.6 JIATON Technology

13.6.1 JIATON Technology Company Information

13.6.2 JIATON Technology Neodymium(III) Fluoride (NdF3) Product Offered

13.6.3 JIATON Technology Neodymium(III) Fluoride (NdF3) Sales, Revenue, Price and Gross Margin (2020-2022)

13.6.4 JIATON Technology Main Business Overview

13.6.5 JIATON Technology Latest Developments

13.7 Materion

13.7.1 Materion Company Information

13.7.2 Materion Neodymium(III) Fluoride (NdF3) Product Offered

13.7.3 Materion Neodymium(III) Fluoride (NdF3) Sales, Revenue, Price and Gross Margin (2020-2022)

13.7.4 Materion Main Business Overview

13.7.5 Materion Latest Developments

13.8 Ganzhou Sequoia Rare Earth

13.8.1 Ganzhou Sequoia Rare Earth Company Information

13.8.2 Ganzhou Sequoia Rare Earth Neodymium(III) Fluoride (NdF3) Product Offered

13.8.3 Ganzhou Sequoia Rare Earth Neodymium(III) Fluoride (NdF3) Sales, Revenue, Price and Gross Margin (2020-2022)

13.8.4 Ganzhou Sequoia Rare Earth Main Business Overview

13.8.5 Ganzhou Sequoia Rare Earth Latest Developments

## 14 RESEARCH FINDINGS AND CONCLUSION

## List Of Tables

### LIST OF TABLES

Table 1. Neodymium(III) Fluoride (NdF3) Annual Sales CAGR by Geographic Region (2017, 2022 & 2028) & (\$ millions)

Table 2. Neodymium(III) Fluoride (NdF3) Annual Sales CAGR by Country/Region (2017, 2022 & 2028) & (\$ millions)

Table 3. Major Players of 4N5

Table 4. Major Players of 4N

Table 5. Major Players of 3N5

Table 6. Major Players of 3N

Table 7. Major Players of 2N5

Table 8. Major Players of 2N

Table 9. Global Neodymium(III) Fluoride (NdF3) Sales by Type (2017-2022) & (Tons)

Table 10. Global Neodymium(III) Fluoride (NdF3) Sales Market Share by Type (2017-2022)

Table 11. Global Neodymium(III) Fluoride (NdF3) Revenue by Type (2017-2022) & (\$ million)

Table 12. Global Neodymium(III) Fluoride (NdF3) Revenue Market Share by Type (2017-2022)

Table 13. Global Neodymium(III) Fluoride (NdF3) Sale Price by Type (2017-2022) & (US\$/Kg)

Table 14. Global Neodymium(III) Fluoride (NdF3) Sales by Application (2017-2022) & (Tons)

Table 15. Global Neodymium(III) Fluoride (NdF3) Sales Market Share by Application (2017-2022)

Table 16. Global Neodymium(III) Fluoride (NdF3) Revenue by Application (2017-2022)

Table 17. Global Neodymium(III) Fluoride (NdF3) Revenue Market Share by Application (2017-2022)

Table 18. Global Neodymium(III) Fluoride (NdF3) Sale Price by Application (2017-2022) & (US\$/Kg)

Table 19. Global Neodymium(III) Fluoride (NdF3) Sales by Company (2020-2022) & (Tons)

Table 20. Global Neodymium(III) Fluoride (NdF3) Sales Market Share by Company (2020-2022)

Table 21. Global Neodymium(III) Fluoride (NdF3) Revenue by Company (2020-2022) (\$ Millions)

Table 22. Global Neodymium(III) Fluoride (NdF3) Revenue Market Share by Company

(2020-2022)

Table 23. Global Neodymium(III) Fluoride (NdF3) Sale Price by Company (2020-2022) & (US\$/Kg)

Table 24. Key Manufacturers Neodymium(III) Fluoride (NdF3) Producing Area Distribution and Sales Area

Table 25. Players Neodymium(III) Fluoride (NdF3) Products Offered

Table 26. Neodymium(III) Fluoride (NdF3) Concentration Ratio (CR3, CR5 and CR10) & (2020-2022)

Table 27. New Products and Potential Entrants

Table 28. Mergers & Acquisitions, Expansion

Table 29. Global Neodymium(III) Fluoride (NdF3) Sales by Geographic Region (2017-2022) & (Tons)

Table 30. Global Neodymium(III) Fluoride (NdF3) Sales Market Share Geographic Region (2017-2022)

Table 31. Global Neodymium(III) Fluoride (NdF3) Revenue by Geographic Region (2017-2022) & (\$ millions)

Table 32. Global Neodymium(III) Fluoride (NdF3) Revenue Market Share by Geographic Region (2017-2022)

Table 33. Global Neodymium(III) Fluoride (NdF3) Sales by Country/Region (2017-2022) & (Tons)

Table 34. Global Neodymium(III) Fluoride (NdF3) Sales Market Share by Country/Region (2017-2022)

Table 35. Global Neodymium(III) Fluoride (NdF3) Revenue by Country/Region (2017-2022) & (\$ millions)

Table 36. Global Neodymium(III) Fluoride (NdF3) Revenue Market Share by Country/Region (2017-2022)

Table 37. Americas Neodymium(III) Fluoride (NdF3) Sales by Country (2017-2022) & (Tons)

Table 38. Americas Neodymium(III) Fluoride (NdF3) Sales Market Share by Country (2017-2022)

Table 39. Americas Neodymium(III) Fluoride (NdF3) Revenue by Country (2017-2022) & (\$ Millions)

Table 40. Americas Neodymium(III) Fluoride (NdF3) Revenue Market Share by Country (2017-2022)

Table 41. Americas Neodymium(III) Fluoride (NdF3) Sales by Type (2017-2022) & (Tons)

Table 42. Americas Neodymium(III) Fluoride (NdF3) Sales Market Share by Type (2017-2022)

Table 43. Americas Neodymium(III) Fluoride (NdF3) Sales by Application (2017-2022) &



(Tons)

Table 44. Americas Neodymium(III) Fluoride (NdF3) Sales Market Share by Application (2017-2022)

Table 45. APAC Neodymium(III) Fluoride (NdF3) Sales by Region (2017-2022) & (Tons)

Table 46. APAC Neodymium(III) Fluoride (NdF3) Sales Market Share by Region (2017-2022)

Table 47. APAC Neodymium(III) Fluoride (NdF3) Revenue by Region (2017-2022) & (\$ Millions)

Table 48. APAC Neodymium(III) Fluoride (NdF3) Revenue Market Share by Region (2017-2022)

Table 49. APAC Neodymium(III) Fluoride (NdF3) Sales by Type (2017-2022) & (Tons)

Table 50. APAC Neodymium(III) Fluoride (NdF3) Sales Market Share by Type (2017-2022)

Table 51. APAC Neodymium(III) Fluoride (NdF3) Sales by Application (2017-2022) & (Tons)

Table 52. APAC Neodymium(III) Fluoride (NdF3) Sales Market Share by Application (2017-2022)

Table 53. Europe Neodymium(III) Fluoride (NdF3) Sales by Country (2017-2022) & (Tons)

Table 54. Europe Neodymium(III) Fluoride (NdF3) Sales Market Share by Country (2017-2022)

Table 55. Europe Neodymium(III) Fluoride (NdF3) Revenue by Country (2017-2022) & (\$ Millions)

Table 56. Europe Neodymium(III) Fluoride (NdF3) Revenue Market Share by Country (2017-2022)

Table 57. Europe Neodymium(III) Fluoride (NdF3) Sales by Type (2017-2022) & (Tons)

Table 58. Europe Neodymium(III) Fluoride (NdF3) Sales Market Share by Type (2017-2022)

Table 59. Europe Neodymium(III) Fluoride (NdF3) Sales by Application (2017-2022) & (Tons)

Table 60. Europe Neodymium(III) Fluoride (NdF3) Sales Market Share by Application (2017-2022)

Table 61. Middle East & Africa Neodymium(III) Fluoride (NdF3) Sales by Country (2017-2022) & (Tons)

Table 62. Middle East & Africa Neodymium(III) Fluoride (NdF3) Sales Market Share by Country (2017-2022)

Table 63. Middle East & Africa Neodymium(III) Fluoride (NdF3) Revenue by Country (2017-2022) & (\$ Millions)

Table 64. Middle East & Africa Neodymium(III) Fluoride (NdF3) Revenue Market Share



by Country (2017-2022)

Table 65. Middle East & Africa Neodymium(III) Fluoride (NdF3) Sales by Type (2017-2022) & (Tons)

Table 66. Middle East & Africa Neodymium(III) Fluoride (NdF3) Sales Market Share by Type (2017-2022)

Table 67. Middle East & Africa Neodymium(III) Fluoride (NdF3) Sales by Application (2017-2022) & (Tons)

Table 68. Middle East & Africa Neodymium(III) Fluoride (NdF3) Sales Market Share by Application (2017-2022)

Table 69. Key Market Drivers & Growth Opportunities of Neodymium(III) Fluoride (NdF3)

Table 70. Key Market Challenges & Risks of Neodymium(III) Fluoride (NdF3)

Table 71. Key Industry Trends of Neodymium(III) Fluoride (NdF3)

Table 72. Neodymium(III) Fluoride (NdF3) Raw Material

Table 73. Key Suppliers of Raw Materials

Table 74. Neodymium(III) Fluoride (NdF3) Distributors List

Table 75. Neodymium(III) Fluoride (NdF3) Customer List

Table 76. Global Neodymium(III) Fluoride (NdF3) Sales Forecast by Region (2023-2028) & (Tons)

Table 77. Global Neodymium(III) Fluoride (NdF3) Sales Market Forecast by Region

Table 78. Global Neodymium(III) Fluoride (NdF3) Revenue Forecast by Region (2023-2028) & (\$ millions)

Table 79. Global Neodymium(III) Fluoride (NdF3) Revenue Market Share Forecast by Region (2023-2028)

Table 80. Americas Neodymium(III) Fluoride (NdF3) Sales Forecast by Country (2023-2028) & (Tons)

Table 81. Americas Neodymium(III) Fluoride (NdF3) Revenue Forecast by Country (2023-2028) & (\$ millions)

Table 82. APAC Neodymium(III) Fluoride (NdF3) Sales Forecast by Region (2023-2028) & (Tons)

Table 83. APAC Neodymium(III) Fluoride (NdF3) Revenue Forecast by Region (2023-2028) & (\$ millions)

Table 84. Europe Neodymium(III) Fluoride (NdF3) Sales Forecast by Country (2023-2028) & (Tons)

Table 85. Europe Neodymium(III) Fluoride (NdF3) Revenue Forecast by Country (2023-2028) & (\$ millions)

Table 86. Middle East & Africa Neodymium(III) Fluoride (NdF3) Sales Forecast by Country (2023-2028) & (Tons)

Table 87. Middle East & Africa Neodymium(III) Fluoride (NdF3) Revenue Forecast by

Country (2023-2028) & (\$ millions)

Table 88. Global Neodymium(III) Fluoride (NdF3) Sales Forecast by Type (2023-2028) & (Tons)

Table 89. Global Neodymium(III) Fluoride (NdF3) Sales Market Share Forecast by Type (2023-2028)

Table 90. Global Neodymium(III) Fluoride (NdF3) Revenue Forecast by Type (2023-2028) & (\$ Millions)

Table 91. Global Neodymium(III) Fluoride (NdF3) Revenue Market Share Forecast by Type (2023-2028)

Table 92. Global Neodymium(III) Fluoride (NdF3) Sales Forecast by Application (2023-2028) & (Tons)

Table 93. Global Neodymium(III) Fluoride (NdF3) Sales Market Share Forecast by Application (2023-2028)

Table 94. Global Neodymium(III) Fluoride (NdF3) Revenue Forecast by Application (2023-2028) & (\$ Millions)

Table 95. Global Neodymium(III) Fluoride (NdF3) Revenue Market Share Forecast by Application (2023-2028)

Table 96. Pelchem Basic Information, Neodymium(III) Fluoride (NdF3) Manufacturing Base, Sales Area and Its Competitors

Table 97. Pelchem Neodymium(III) Fluoride (NdF3) Product Offered

Table 98. Pelchem Neodymium(III) Fluoride (NdF3) Sales (Tons), Revenue (\$ Million), Price (US\$/Kg) and Gross Margin (2020-2022)

Table 99. Pelchem Main Business

Table 100. Pelchem Latest Developments

Table 101. Merck KGaA Basic Information, Neodymium(III) Fluoride (NdF3) Manufacturing Base, Sales Area and Its Competitors

Table 102. Merck KGaA Neodymium(III) Fluoride (NdF3) Product Offered

Table 103. Merck KGaA Neodymium(III) Fluoride (NdF3) Sales (Tons), Revenue (\$ Million), Price (US\$/Kg) and Gross Margin (2020-2022)

Table 104. Merck KGaA Main Business

Table 105. Merck KGaA Latest Developments

Table 106. EPI Materials Basic Information, Neodymium(III) Fluoride (NdF3) Manufacturing Base, Sales Area and Its Competitors

Table 107. EPI Materials Neodymium(III) Fluoride (NdF3) Product Offered

Table 108. EPI Materials Neodymium(III) Fluoride (NdF3) Sales (Tons), Revenue (\$ Million), Price (US\$/Kg) and Gross Margin (2020-2022)

Table 109. EPI Materials Main Business

Table 110. EPI Materials Latest Developments

Table 111. Zegen Metals&Chemicals Basic Information, Neodymium(III) Fluoride

(NdF3) Manufacturing Base, Sales Area and Its Competitors

Table 112. Zegen Metals&Chemicals Neodymium(III) Fluoride (NdF3) Product Offered

Table 113. Zegen Metals&Chemicals Neodymium(III) Fluoride (NdF3) Sales (Tons), Revenue (\$ Million), Price (US\$/Kg) and Gross Margin (2020-2022)

Table 114. Zegen Metals&Chemicals Main Business

Table 115. Zegen Metals&Chemicals Latest Developments

Table 116. Liche Opto Basic Information, Neodymium(III) Fluoride (NdF3) Manufacturing Base, Sales Area and Its Competitors

Table 117. Liche Opto Neodymium(III) Fluoride (NdF3) Product Offered

Table 118. Liche Opto Neodymium(III) Fluoride (NdF3) Sales (Tons), Revenue (\$ Million), Price (US\$/Kg) and Gross Margin (2020-2022)

Table 119. Liche Opto Main Business

Table 120. Liche Opto Latest Developments

Table 121. JIATON Technology Basic Information, Neodymium(III) Fluoride (NdF3) Manufacturing Base, Sales Area and Its Competitors

Table 122. JIATON Technology Neodymium(III) Fluoride (NdF3) Product Offered

Table 123. JIATON Technology Neodymium(III) Fluoride (NdF3) Sales (Tons), Revenue (\$ Million), Price (US\$/Kg) and Gross Margin (2020-2022)

Table 124. JIATON Technology Main Business

Table 125. JIATON Technology Latest Developments

Table 126. Materion Basic Information, Neodymium(III) Fluoride (NdF3) Manufacturing Base, Sales Area and Its Competitors

Table 127. Materion Neodymium(III) Fluoride (NdF3) Product Offered

Table 128. Materion Neodymium(III) Fluoride (NdF3) Sales (Tons), Revenue (\$ Million), Price (US\$/Kg) and Gross Margin (2020-2022)

Table 129. Materion Main Business

Table 130. Materion Latest Developments

Table 131. Ganzhou Sequoia Rare Earth Basic Information, Neodymium(III) Fluoride (NdF3) Manufacturing Base, Sales Area and Its Competitors

Table 132. Ganzhou Sequoia Rare Earth Neodymium(III) Fluoride (NdF3) Product Offered

Table 133. Ganzhou Sequoia Rare Earth Neodymium(III) Fluoride (NdF3) Sales (Tons), Revenue (\$ Million), Price (US\$/Kg) and Gross Margin (2020-2022)

Table 134. Ganzhou Sequoia Rare Earth Main Business

Table 135. Ganzhou Sequoia Rare Earth Latest Developments

## List Of Figures

### LIST OF FIGURES

- Figure 1. Picture of Neodymium(III) Fluoride (NdF3)
- Figure 2. Neodymium(III) Fluoride (NdF3) Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Neodymium(III) Fluoride (NdF3) Sales Growth Rate 2017-2028 (Tons)
- Figure 7. Global Neodymium(III) Fluoride (NdF3) Revenue Growth Rate 2017-2028 (\$ Millions)
- Figure 8. Neodymium(III) Fluoride (NdF3) Sales by Region (2021 & 2028) & (\$ millions)
- Figure 9. Product Picture of 4N5
- Figure 10. Product Picture of 4N
- Figure 11. Product Picture of 3N5
- Figure 12. Product Picture of 3N
- Figure 13. Product Picture of 2N5
- Figure 14. Product Picture of 2N
- Figure 15. Global Neodymium(III) Fluoride (NdF3) Sales Market Share by Type in 2021
- Figure 16. Global Neodymium(III) Fluoride (NdF3) Revenue Market Share by Type (2017-2022)
- Figure 17. Neodymium(III) Fluoride (NdF3) Consumed in Used as Neodymium Intermediate
- Figure 18. Global Neodymium(III) Fluoride (NdF3) Market: Used as Neodymium Intermediate (2017-2022) & (Tons)
- Figure 19. Neodymium(III) Fluoride (NdF3) Consumed in Phosphor for Lighting
- Figure 20. Global Neodymium(III) Fluoride (NdF3) Market: Phosphor for Lighting (2017-2022) & (Tons)
- Figure 21. Neodymium(III) Fluoride (NdF3) Consumed in Additive for Magnesium Alloys
- Figure 22. Global Neodymium(III) Fluoride (NdF3) Market: Additive for Magnesium Alloys (2017-2022) & (Tons)
- Figure 23. Neodymium(III) Fluoride (NdF3) Consumed in Materials for Detector Scintillation
- Figure 24. Global Neodymium(III) Fluoride (NdF3) Market: Materials for Detector Scintillation (2017-2022) & (Tons)
- Figure 25. Neodymium(III) Fluoride (NdF3) Consumed in For Making Fluoride Glasses
- Figure 26. Global Neodymium(III) Fluoride (NdF3) Market: For Making Fluoride Glasses (2017-2022) & (Tons)

Figure 27. Neodymium(III) Fluoride (NdF3) Consumed in Electrolysis and High Temperature Materials

Figure 28. Global Neodymium(III) Fluoride (NdF3) Market: Electrolysis and High Temperature Materials (2017-2022) & (Tons)

Figure 29. Neodymium(III) Fluoride (NdF3) Consumed in Other

Figure 30. Global Neodymium(III) Fluoride (NdF3) Market: Other (2017-2022) & (Tons)

Figure 31. Global Neodymium(III) Fluoride (NdF3) Sales Market Share by Application (2017-2022)

Figure 32. Global Neodymium(III) Fluoride (NdF3) Revenue Market Share by Application in 2021

Figure 33. Neodymium(III) Fluoride (NdF3) Revenue Market by Company in 2021 (\$ Million)

Figure 34. Global Neodymium(III) Fluoride (NdF3) Revenue Market Share by Company in 2021

Figure 35. Global Neodymium(III) Fluoride (NdF3) Sales Market Share by Geographic Region (2017-2022)

Figure 36. Global Neodymium(III) Fluoride (NdF3) Revenue Market Share by Geographic Region in 2021

Figure 37. Global Neodymium(III) Fluoride (NdF3) Sales Market Share by Region (2017-2022)

Figure 38. Global Neodymium(III) Fluoride (NdF3) Revenue Market Share by Country/Region in 2021

Figure 39. Americas Neodymium(III) Fluoride (NdF3) Sales 2017-2022 (Tons)

Figure 40. Americas Neodymium(III) Fluoride (NdF3) Revenue 2017-2022 (\$ Millions)

Figure 41. APAC Neodymium(III) Fluoride (NdF3) Sales 2017-2022 (Tons)

Figure 42. APAC Neodymium(III) Fluoride (NdF3) Revenue 2017-2022 (\$ Millions)

Figure 43. Europe Neodymium(III) Fluoride (NdF3) Sales 2017-2022 (Tons)

Figure 44. Europe Neodymium(III) Fluoride (NdF3) Revenue 2017-2022 (\$ Millions)

Figure 45. Middle East & Africa Neodymium(III) Fluoride (NdF3) Sales 2017-2022 (Tons)

Figure 46. Middle East & Africa Neodymium(III) Fluoride (NdF3) Revenue 2017-2022 (\$ Millions)

Figure 47. Americas Neodymium(III) Fluoride (NdF3) Sales Market Share by Country in 2021

Figure 48. Americas Neodymium(III) Fluoride (NdF3) Revenue Market Share by Country in 2021

Figure 49. United States Neodymium(III) Fluoride (NdF3) Revenue Growth 2017-2022 (\$ Millions)

Figure 50. Canada Neodymium(III) Fluoride (NdF3) Revenue Growth 2017-2022 (\$

Millions)

Figure 51. Mexico Neodymium(III) Fluoride (NdF3) Revenue Growth 2017-2022 (\$ Millions)

Figure 52. Brazil Neodymium(III) Fluoride (NdF3) Revenue Growth 2017-2022 (\$ Millions)

Figure 53. APAC Neodymium(III) Fluoride (NdF3) Sales Market Share by Region in 2021

Figure 54. APAC Neodymium(III) Fluoride (NdF3) Revenue Market Share by Regions in 2021

Figure 55. China Neodymium(III) Fluoride (NdF3) Revenue Growth 2017-2022 (\$ Millions)

Figure 56. Japan Neodymium(III) Fluoride (NdF3) Revenue Growth 2017-2022 (\$ Millions)

Figure 57. South Korea Neodymium(III) Fluoride (NdF3) Revenue Growth 2017-2022 (\$ Millions)

Figure 58. Southeast Asia Neodymium(III) Fluoride (NdF3) Revenue Growth 2017-2022 (\$ Millions)

Figure 59. India Neodymium(III) Fluoride (NdF3) Revenue Growth 2017-2022 (\$ Millions)

Figure 60. Australia Neodymium(III) Fluoride (NdF3) Revenue Growth 2017-2022 (\$ Millions)

Figure 61. Europe Neodymium(III) Fluoride (NdF3) Sales Market Share by Country in 2021

Figure 62. Europe Neodymium(III) Fluoride (NdF3) Revenue Market Share by Country in 2021

Figure 63. Germany Neodymium(III) Fluoride (NdF3) Revenue Growth 2017-2022 (\$ Millions)

Figure 64. France Neodymium(III) Fluoride (NdF3) Revenue Growth 2017-2022 (\$ Millions)

Figure 65. UK Neodymium(III) Fluoride (NdF3) Revenue Growth 2017-2022 (\$ Millions)

Figure 66. Italy Neodymium(III) Fluoride (NdF3) Revenue Growth 2017-2022 (\$ Millions)

Figure 67. Russia Neodymium(III) Fluoride (NdF3) Revenue Growth 2017-2022 (\$ Millions)

Figure 68. Middle East & Africa Neodymium(III) Fluoride (NdF3) Sales Market Share by Country in 2021

Figure 69. Middle East & Africa Neodymium(III) Fluoride (NdF3) Revenue Market Share by Country in 2021

Figure 70. Egypt Neodymium(III) Fluoride (NdF3) Revenue Growth 2017-2022 (\$ Millions)



Figure 71. South Africa Neodymium(III) Fluoride (NdF3) Revenue Growth 2017-2022 (\$ Millions)

Figure 72. Israel Neodymium(III) Fluoride (NdF3) Revenue Growth 2017-2022 (\$ Millions)

Figure 73. Turkey Neodymium(III) Fluoride (NdF3) Revenue Growth 2017-2022 (\$ Millions)

Figure 74. GCC Country Neodymium(III) Fluoride (NdF3) Revenue Growth 2017-2022 (\$ Millions)

Figure 75. Manufacturing Cost Structure Analysis of Neodymium(III) Fluoride (NdF3) in 2021

Figure 76. Manufacturing Process Analysis of Neodymium(III) Fluoride (NdF3)

Figure 77. Industry Chain Structure of Neodymium(III) Fluoride (NdF3)

Figure 78. Channels of Distribution

Figure 79. Distributors Profiles

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